ALEX CUI

STUDENT

alexcui.cs@gmail.com alex-cui.com alex-cui alex-cui

EXPERIENCE

SmartBot360, *Research Intern*, Riverside, CA — Mar. 2019 - Current

- Redesigned and reorganized pages in the front end for a better UI/UX, and also added new functionality for users.
- Wrote numerous SQL queries to send and receive data in the back end while also improving existing ones.
- Optimized the time to display core analytics from the database by more than 50%.
- Tested and created chat bots, using an existing application, that were demoed to the company's clients.

PROJECTS

Piano Tiles — Feb. 2019 - Mar. 2019

- Reproduced the popular game app, "Piano Tiles," on a breadboard.
- Features sound effects, a score keeper, and the option to restart.
- Utilizes Atmel Studio 7 and an ATMega1284 microcontroller, along with various breadboard components.

RedditBot — Nov. 2018 - Nov. 2018

- Built a bot that utilizes the API to send responses to users based on the content of their comment.
- Oversaw a team and ensured the project's success.
- Introduced new ideas on how to develop the project while debugging compile-time errors.

RShell — Nov. 2018 - Dec. 2018

- Developed a program that replicates basic Bash commands using C++ and Linux system calls.
- Led the team and unit tested the project as it progressed.
- Designed the framework and implemented a majority of the project.

Genius Searcher — Aug. 2019 - Aug. 2019

- Created a Google Chrome extension that would make it easier to reach song lyrics off of Genius.com.
- Can either highlight text or click the extension icon and type to get your search results.
- Inspired by the numerous amount of times I personally look up musical artists and song lyrics.

SKILLS

LANGUAGES: C++, HTML, CSS, Javascript, TypeScript, Angular, Java, SQL
TOOLS: Git, Bootstrap, MySQL, Node.js

ACTIVITIES

Organization, *ACM* — Apr. 2018 - Current

Active member and previously received guidance in the mentorship program.

Hackathon, *Cutie Hack* — Nov. 2018

Worked with a team and demoed RedditBot to a panel of judges.

EDUCATION

University of California Riverside
B.S. Computer Science 2021